

AUG 12

Dear Mr. Breitenbach:

Benjamin Franklin said "When the wells dry, we know the worth of water." The Russian River's Dept. of Water Resource allotment to the Sonoma County Water Agency is for 75,000 acre feet annually. In 1977 the entire flow of the Russian River was 64,000 acre feet annual! Wake up State of California, this will happen again!

Enclosed is a list of east coast state park, and some private, compost toilet and greywater recycling locations. The Clivus-Multrum sales brochure shows the 'Falling Water' building designed by Frank Lloyd Wright uses a composting system.

Now is the time fully legalize these systems in California. As it is, residents in the area of West Sonoma County, where I live, are illegally installing these units themselves rather than be forced onto a pipeline wastewater system at Guerneville (where the floodwaters regularly inundate and overwhelm capacity!). Political corruption may be a factor in all of this but whatever

The reason, Compost Toilets and
Greywater recycling should be
legalized as soon as possible.

Respectfully submitted

Gene Koch

PO 824

Occidental CA

95465

What Clivus Multrum knows:

"Waste" is the name for any material put in the wrong place. We can **make** waste of anything, or we can choose, instead, to make good use of everything.

"Human waste" is now the number one source of pollution and disease throughout the world.

Conventional "solutions" such as septic tanks and sewers have proven to be no solutions at all. Clivus subscribes to the principle that **prevention, rather than cure**, is the sound and efficient approach to the pollution crisis caused by our present patterns of living. Clivus Multrum offers a management system that conserves water, prevents pollution of water, and recovers the great value of "human waste" for the enrichment of the earth.

Clean water. Fertile soil. The Earth restored.



"We have a Clivus Multrum system. Our system has been in operation since 1980. We have an annual visitation of 130,000 people. On weekend days, the visitation is between 700 and 1,000 people per day. Our system was originally chosen because the location where we chose to build was not suitable for a septic system. Thus, we chose a Clivus Multrum system because it was self-contained and used virtually no water. Moreover, as a nature conservancy, we felt a special obligation to set an environmentally sound example. After 10 years of operation, we would not go any other way."

L.S. Waggoner
Administrator & Curator
Frank Lloyd Wright's Fallingwater
The Western Pennsylvania Conservancy
P.O. Box 10000, Pittsburgh, PA 15226

clivus®
Authorized
Representative
HANSON ASSOCIATES
Lewis MR
Jefferson, Maryland 21765
(301) 371-6172 • FAX (301) 371-8844

**When
nature calls...**

**it calls
Clivus®.**

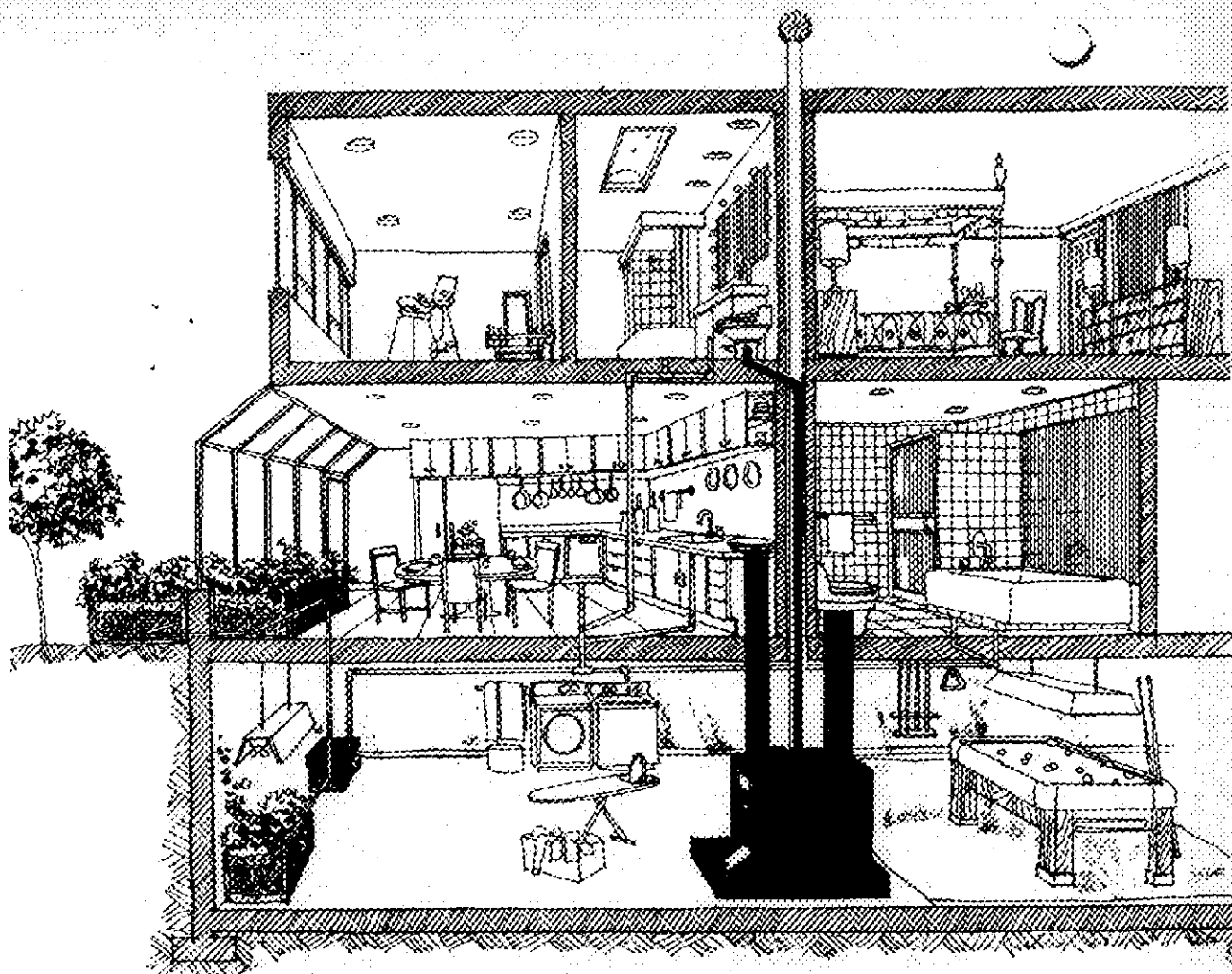
CLIVUS: THE BENEFITS

What does the Clivus Multrum give you?

A return on your investment that will do the Earth a lot of good: human excreta (what we now call "human waste") and food scraps are converted into **products** instead of **problems**. These products come in two forms: **compost**, which is a stable, rich humus resembling the best garden soil, and compost "tea", a balanced, high-nitrogen liquid fertilizer. Both are odorless, safe, and ready to use. Put the compost in flowerbeds, around trees and shrubs; dilute the compost "tea" and feed nitrogen-loving plants such as grass, trees and flowers.



The Clivus composting process has proven itself throughout the world in many thousands of installations since 1939. Customers include the US, Canadian, UK, Australian, Korean, and Swedish governments, as well as thousands of satisfied homeowners in over 15 countries.



LEGEND:

- Clivus Multrum Composter and Chutes
- Clivus Multrum Fixtures
- Clivus Ventilation System

- Clivus Greywater Fixtures and Collection Pipes
- Clivus Greywater Roughing-filter/Pump Station
- Clivus Soil/Planter Beds

Clivus Multrum™ and Greywater Purification™ are registered International Trademarks of Clivus Multrum, Incorporated. All rights reserved.



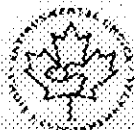
1827691



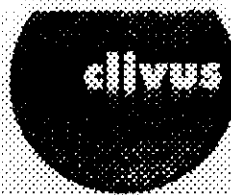
APPROVED UNDER STANDARD 41
NSF-9117, 9118, 9122, 9123, 9125



APPROVED AS A WATER
CONSERVATION DEVICE



1-800-4CLIVUS



USA
104 Mt. Auburn St., Harvard Square
Cambridge, MA 02138
617-491-0051 • FAX 617-491-0053

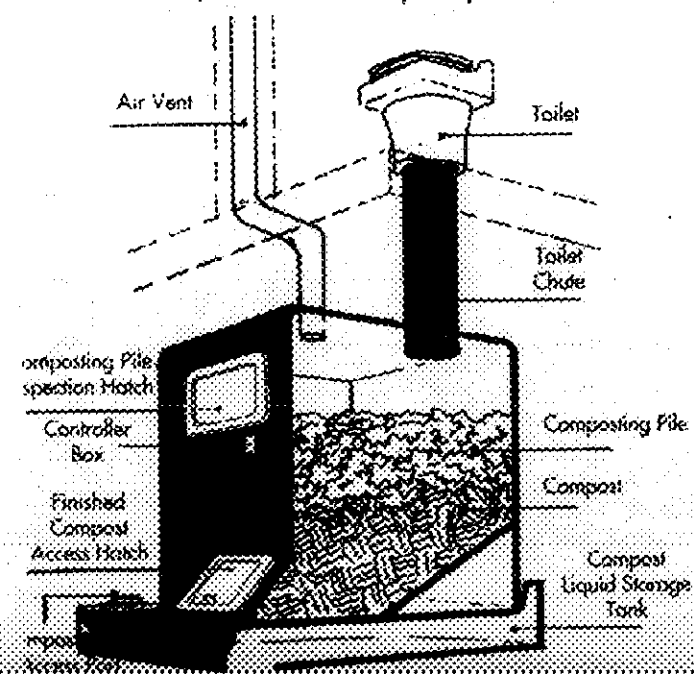
CANADA
For Nearest Representative

Clivus® responds, to you and your environment, with a natural solution...

What is the Clivus Multum?

The Clivus Multum is the first — and still the most advanced — compost toilet in the world. "Clivus" means "inclining" and "Multum" means "compost room." And that's what it is: a composter with a sloping floor. Everything in the Clivus slides very slowly toward the compost removal chamber, decomposing naturally as it goes. During the process, solids are reduced in volume by up to 90%, leaving odor-free, pathogen-free recyclable end products.

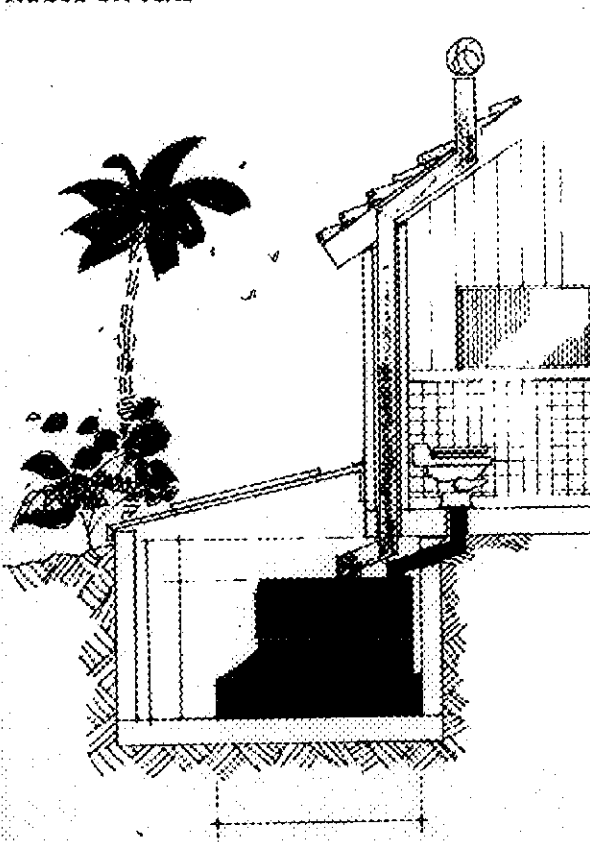
The Clivus process is simple. That's why it works so well. All you do to assist it is add a little high-carbon material such as coarse sawdust, woodshavings, or dry shredded leaves. A small fan (AC/DC, electric or solar) draws air through the system. This air flow promotes the decomposition process while keeping the bathroom/washroom completely odor-free.



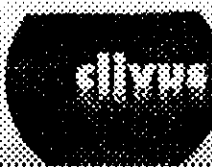
CLIVUS: THE PROBLEM SOLVER

Clivus offers environmentally sound solutions for problem sites suffering from low "perc" rate and high ground water conditions, with ledge, clay, sandy soils, difficult topographies, no water, permafrost, or inadequate lot-size. Clivus offers a full range of designs for homes with full basements, crawl spaces, or no basements at all.

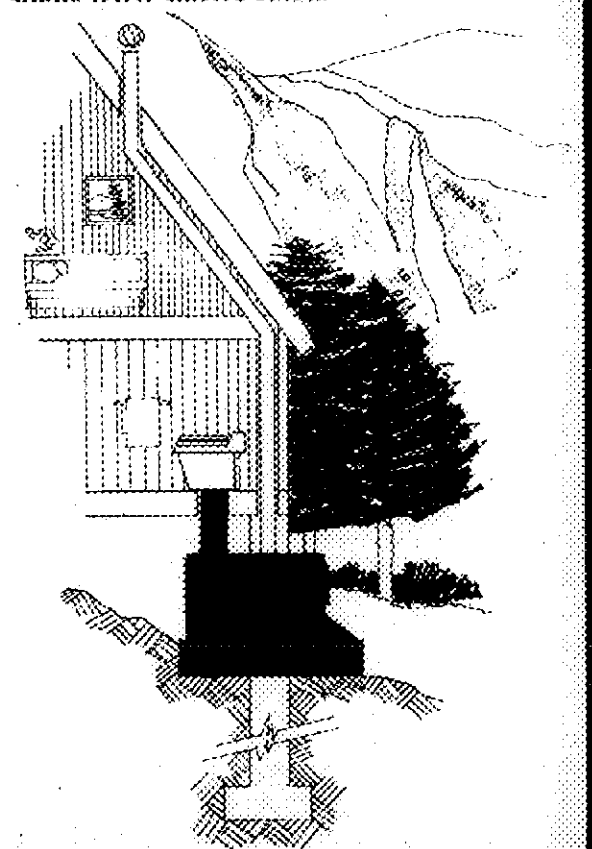
HOUSE ON SLAB



For residences on slab, with no basements, or in areas where a septic tank/leach field is impractical, the Multum™ 1 or Multum™ 2 can be installed in a watertight concrete structure with service access available through a bulkhead. An ultra-low flush toilet can be attached to lateral plumbing.



CABIN WITH CRAWL SPACE



In cabins, camps, cottages, and ski chalets, the Clivus can be installed in a protected or unprotected space (depending on climate and usage) under the building. Either the waterless or the ultra-low flush toilet can be used.

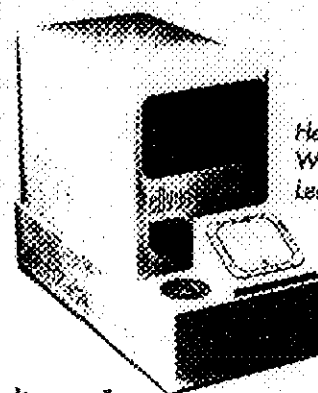
1-800-4CLIVUS

(from Canada and the USA)

ECO-LOGICAL RESOURCE RETRIEVAL TECHNOLOGY

CLIVUS COMPOSTERS

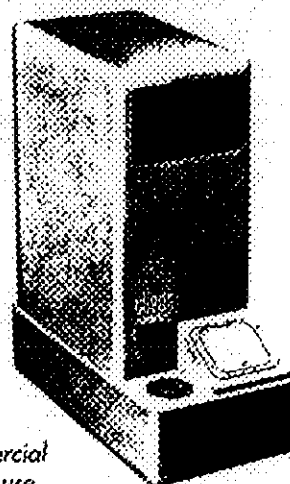
Clivus offers a complete range of composters — from the compact cottage unit to the largest capacity system that can handle over 65,000 uses per year. Our composters are made of 100% recyclable plastic and all are compatible with waterless and ultra-low flush toilets. All are true composters and all can have built-in liquid fertilizer storage directly under them. The liquid storage chamber has a port which can be equipped with an electric or manual pump to conveniently assist the recycling of this high-quality, odor-free fertilizer.



Height: 56"/142.3 cm
Width: 33"/83.9 cm
Length: 65"/165.1 cm

The Multrum™ 1

This unit is designed for seasonal use in cabins, comps, and cottages. It is easy to install in an existing crawl space or in a shallow excavation under the structure.



Height: 68"/167.7 cm
Width: 33"/83.8 cm
Length: 65"/165.1 cm

The Multrum™ 2

Suited to higher seasonal use, small residences, small commercial establishments, and some low use public facilities.

The Multrum™ 10, 20 and 30 Series: These larger composters are designed for high volume use and are best suited to public facilities such as highway washrooms, parks, and resorts. They are also well suited to residences, schools, community centers, libraries, clinics, restaurants and new construction office buildings.

CLIVUS FIXTURES



CM Waterless Toilet

This Clivus-designed waterless toilet is the simplest of all to use and maintain. The constant draft down the toilet whenever the lid is open functions as a ventilator for the bathroom keeping it odor-free at all times.

Ultra-low Flush Toilets

We have two ultra-low flush toilet fixtures: a one pint (1/2 liter) flush toilet and a 3 oz. foam toilet. These are especially convenient for retrofit situations where the composter must be offset from the bathroom. In multi-storey buildings with more than one toilet, it is often an advantage to have a waterless toilet on the ground floor and an ultra-low flush one upstairs.

Urinals

We recommend the use of urinals as sanitary conveniences in homes as well as in commercial/institutional facilities.

There are three models available, all completely odorless

- * Clivus-designed flushless model
- * standard porcelain model
- * stainless steel model appropriate for cabins as well as remote public facilities.

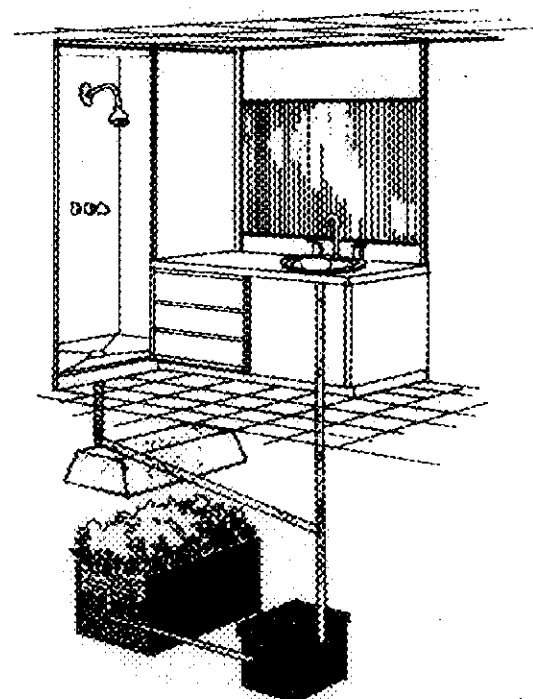
CLIVUS GREYWATER PURIFICATION

What is Greywater?

Greywater is wastewater. That is, "waste" water from all fixtures and appliances except toilets and garbage disposals. Greywater sources include showers, tubs, dishwashers, laundry machines and sinks. Although greywater represents about 60% of the total wastewater of a conventionally plumbed home, its characteristics are very different from combined sewage. The importance of this difference is that separated greywater processing permits for easier recovery and re-use of this valuable irrigation/fertilization resource.

Clivus offers complete Greywater Purification™ solutions, including greywater roughing filters and custom site designs for indoor and outdoor soil/planting beds.

Clivus greywater filter and indoor soilbed/planter.

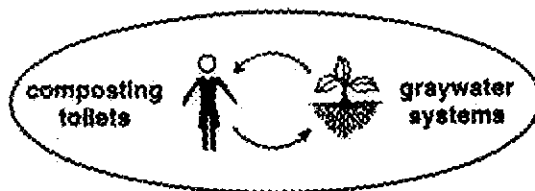


For more information about
Clivus Greywater Purification™ Systems
call: 1-800-4CLIVUS

0106

Hanson Associates

3205 Poffenberger Rd. (Lewis Mill)
Jefferson, Maryland 21755
301-371-9172 • FAX 301-371-9644



Clivus Multrum, Inc.
Authorized Representative

HANSON NUTRIENT RECYCLING SYSTEMS, MD & DE (compost, liquid fertilizer, and graywater recycled to the land based food chain)

Hanson Associates Demonstration Site (Lewis Mill, residential/commercial) -- Jefferson; 2 waterless toilets, 1 foam flush toilet, 1 garbage chute, and urinal connected to 1 Clivus composter; installed 1980; compost and liquid fertilizer used in vegetable garden; graywater used in flower beds via an irrigation trough system; installed 1990; tours by appointment, John Hanson, 301-371-9172

White Plains Post Office -- White Plains; one composter; compost used on ornamental vegetation, liquid fertilizer spread on lawn, graywater used in a flower bed via an irrigation trough system; State approved; installed 1988; Postmaster, Gregory Banks, 301-932-2398

Ham-on-Wye (private residence) -- Wye Mills; 1 composter; installed 1977; compost and liquid fertilizer used on ornamentals; graywater used in greenhouse via an irrigation trough system; installed 1995

Possum Hill Area (White Clay Creek State Park) -- Near Newark, DE; 1- M54 Trail Head restroom building; compost and liquid fertilizer used on lawn; State approved; installed 1995; Superintendent Nick McFadden, 302-368-6900

Herring Creek Nature Center -- Worcester Co. West Ocean City; 1- M54 Trail Head restroom building; liquid fertilizer to be used on lawn (permit pending); installed 1998; Superintendent Gersd Richardson, 410-833-3766

OTHER CLIVUS INSTALLATIONS, MD & DE (Liquid fertilizer and graywater NOT recycled to the land based food chain)

Big Run State Park -- Garrett County; 4 composters in 2 Clivus precast concrete restroom buildings; installed 1989; Manager, Joe Stevens, 301-895-5453

Chancellor's Point Natural History Area -- (State Park) -- St. Mary's City; 2 composters; installed 1978; Chief of Maintenance, Jim Dickens, 301-862-0960; site, 301-862-9891

Chesapeake Bay Foundation -- 7 composters at Bay Education Centers (Merideth Creek -- 1982, Fox Island -- 1986, Port Isabel Island -- 1989, and Bishop's Head -- 1995); Education Director, Dan Baugh, 410-268-8816

Churchville Autobody -- Churchville; one composter; installed 1988; owner, Harold Ertwine, 410-879-5331

Deep Creek Lake State Park -- Restroom located at the Rt. 219 bridge over the lake; 1 composter in a Clivus precast concrete restroom building; installed 1992; Manager, Paul Durham, 301-387-4111

Frederick Golf Club -- Frederick; 1 composter with 3 toilets and 1 urinal, located in Pro Shop, installed 1998; Manager, Mike Milligan, 301-846-0694

Hart-Miller Island State Park -- near Baltimore; 10 composters in two Clivus wood restroom buildings and a ranger station; installed 1988; Ranger Bob Iman, 410-335-9390

over



Printed on 100% Recycled Paper

Herring Creek Nature Park -- (Worcester Co.) -- West Ocean City; 1 M54 Trailhead restroom building; installed 1998; Superintendent, Gerald Richardson, 410-632-3766

Horsehead Wetlands Center (Wildfowl Trust of North America) -- Graysonville; 1 composter with 4 toilets; installed 1988; Director, Hugo Genignani, 410-827-6694

I-270 Truck Weigh Stations -- Montgomery Co. near Frederick Co. line; two composters, one north bound and one south bound; installed 1990; Asst. Chief, State Highway Administration, Bill Kuhl, 410-333-8067; site Sergeant Friedel, 301-428-0603

Lake Shore Athletic Complex (County Park) -- Lake Shore; 2 high capacity composters in a Clivus precast concrete restroom building; installed 1994; Anne Arundel Co. Dept of Parks and Recreation, Jack Keene, 410-322-3600

Matapoke State Park -- Kent Island; 2 composters in a Clivus precast concrete restroom building; installed 1990; Ranger, Wendell Jones 410-974-1249

Nanjemy Environmental Education Center (Charles County Public Schools) -- Near La Plata; one composter in showerhouse with a mound system for graywater disposal; installed 1992; Director, Steve Cardano 301-743-3526, fax 301-246-9623

North Central Railroad Trail (State Park) -- Freeland; 2 composters in a Clivus precast concrete restroom building; installed 1990; Manager, Dave Davis, 410-461-0050

Picturesque Landscaping -- Rocky Ridge; one composter, flower bed for graywater; installed 1990; owner, Walter Wickanheiser, 301-271-4740

R. M. Thornton Co., (office building) -- Capitol Heights; 2 composters, installed 1977; Chief of Maintenance, Bob Pritz, 301-350-5000

Susquehanna State Park, Lapidum Boating Facility -- Harford Co., 2 composters in a Clivus precast concrete restroom building; installed 1990; Manager, Rick Smith, 410-939-0643

White Clay Creek Preserve Visitor's Center (White Clay Creek State Park) -- near Newark, DE; 2 composters; installed 1991; Superintendent, Nick McFadden, 302-368-6900

Residential installations, in addition to Haison Associates and Ham-on-Wye, are located in Kitzmiller and Friendsville (Garrett County), Rohresville (Washington County), Myersville (Frederick County), La Plata (Charles County)

Maryland has 51 systems in 27 locations; 14 are public facility locations, 6 are commercial, and 7 are residential. Delaware has 3 systems in 2 locations, both are public facilities.